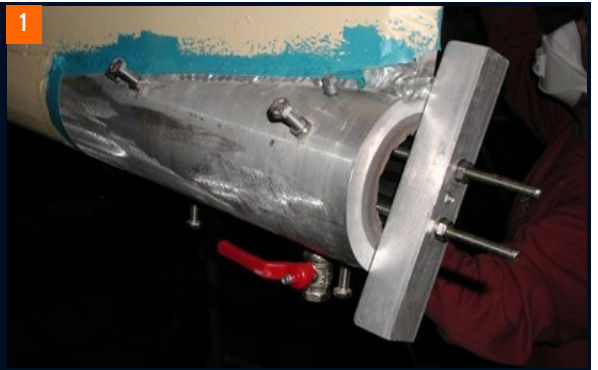


BELZONA PROVIDES OPTIMISED SOLUTION FOR BEARING INSTALLATION

ID: 793



PROBLEM

Conventional methods of installation require many hours of machining time for press fitting. In service they can become slack through fretting and galvanic corrosion

APPLICATION SITUATION

Installation of bearings into the stern tube housing

APPLICATION METHOD

The application was carried out using a modified version of Belzona Know-How System Leaflet SOS-9. The bearing housing is grit blasted and the bearing rough turned prior to alignment and injection of the Belzona® 1321. Belzona® 9411 was only used on the alignment bolts to allow their later removal.

BELZONA FACTS

This luxury yacht, 27.37m long, was designed by the leading New Zealand designer Ron Holland, and is classified by ABS.

INDUSTRY

Marine

LOCATION

UK (Cornish) Luxury Yacht Builder

APPLICATION DATE

2002

PRODUCTS

Belzona 1121 (Super XL Metal)
Belzona 1321 (Ceramic S Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Aluminium

PHOTOS

1. Bearing aligned. Note the injection port with valve under the housing.
2. Forward inboard view of stern tube.
3. Completed application.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

